Index of Claims

| Appl | ication | No |
|------|---------|----|

09/682,443

Applicant(s)

VAN NIEUWSTADT, MICHIEL JACQUES Art Unit

Examiner

Tu M. Nguyen

3748

Rejected Allowed

| - | (Through numeral)<br>Cancelled |
|---|--------------------------------|
|   |                                |

Restricted

Non-Elected N Interference

| A | Appeal   |
|---|----------|
| 0 | Objected |

| Clair  | m            |          |              |          |                 | Date     | 3        |          |                     |           | ::[         | Cla   | im       | -        |               |         | Dat     | e               |                 |                     |       | Cla      | aim        |                    |          |         | Dal            | le                                     |                     |          |          |
|--|--------------|----------|--------------|----------|-----------------|----------|----------|----------|---------------------|-----------|-------------|-------|----------|----------|---------------|---------|---------|-----------------|-----------------|---------------------|-------|----------|------------|--------------------|----------|---------|----------------|--|---------------------|----------|----------|
|  |              | 2/16/04  | 40/22/21/04  |          |                 |          |          |          |                     |           | ľ           |       |          |          |               |         |         |                 |                 |                     |       |          |            |                    |          | T       | T              |  | П                   |          |          |
| Final  | Original     | $y_{s}$  | न            |          |                 |          |          |          |                     |           |             | Final | Öriginal |          |               |         |         |                 |                 |                     |       | Final    | Original   |                    |          |         |                |  |                     |          |          |
| iĒ   | ž,           | 11/      | 14           |          |                 |          |          |          |                     | :-:       | :::         | 谨     | Ĕ        |          |               |         |         |                 |                 |                     | ļ.;;i | ιĒ       | ij         |                    |          | 1       |                |  |                     |          |          |
| 1 1  |              | 5        | 2            |          |                 |          |          |          |                     |           |             |       |          |          |               |         |         |                 |                 | $\perp$             |       |          |            |                    |          |         | L              |  |                     |          | ╝        |
|  | O            | V        | V            |          |                 |          |          |          |                     |           |             |       | 51       |          |               | $\perp$ | $\perp$ |                 |                 |                     |       | ٠        | 101        |                    | _        | $\perp$ |                |  | Ш                   |          |          |
|  | 7            |          |              |          |                 |          |          |          |                     | :         |             |       | 52       |          |               | ┸       |         |                 |                 |                     |       |          | 102        |                    |          |         | ┸              | $\perp$                                |                     |          | _        |
|  |              |          |              |          |                 | Ц        |          |          | Ш                   |           |             |       | 53       | $\Box$   | ightharpoonup | _       |         |                 |                 |                     |       |          | 103        |                    |          |         | ↓.             | L                                      |                     |          |          |
|  | <b>(1)</b>   | ~        | ~            |          | Ш               | $\Box$   |          |          | $\sqcup$            |           |             |       | 54       | $\dashv$ | _             | _ _     |         |                 |                 | _ _                 |       |          | 104        |                    |          |         | ┷              | ┖                                      | Щ                   |          | _        |
| <u> </u>   | ( <u>5</u> ) | 4        | Ш            |          |                 |          |          | <u> </u> | Ц                   | _         | 1           |       | 55       | _        | _             | _       | 1       | L               |                 | 44                  |       |          | 105        |                    |          | 4       | 1_             | <u> </u>                               |                     |          | _        |
| <b>—</b> (                                       | (S)          | 1        | Щ            |          | $\square$       | $\dashv$ | Щ        |          | Ш                   |           |             |       | 56       | _        | _             | _       |         | <b> </b>        |                 | 44                  |       |          | 106        | $\Box$             | _        | $\bot$  | $\perp$        | ╄                                      | $\sqcup$            | _        |          |
|  | <u>D</u>     | 4        | Ш            |          |                 | _        |          |          | Н                   | 4:        | 1           |       | 57       | -        |               |         | -       | <b> </b>        |                 |                     | 1: :  |          | 107        |                    |          | +       | ╄-             | ┢                                      |                     | ,        | 4        |
| <u> </u>   | 8            | $\perp$  | Щ.           |          | Щ               | _        | _        | <u> </u> | $\vdash \vdash$     | -         |             |       | 58       | _        |               | +       | -       |                 | $\vdash$        | $\dashv$            |       |          | 108        |                    |          | +       | +              | ╄                                      | Н                   | _        | ႕        |
| <b>\$</b>  | 9)<br>10)    | +        | Щ.           |          |                 | -1       | _        |          | $\vdash \downarrow$ | -         |             |       | 59       |          | _             | 4       | +       |                 | -               | +                   |       |          | 109        | _                  | -        | +       | ╄              | ┼-                                     | $\vdash$            | _        |          |
| <u> </u>   | 10)          | +        | Щ            |          | $\sqcup$        | -1       |          |          |                     |           | 1           |       | 60       |          |               | -       | +       | L               | -               |                     |       |          | 110        | $\dashv$           |          | +       | +-             | ┼                                      |                     |          | $\dashv$ |
| <b></b>  | 11           | +        | Ш            |          | $\mid - \mid$   | -        | 4        | <u> </u> | $\vdash \downarrow$ | -4        | 1           |       | 61       |          | $\dashv$      | +       | +       | $\vdash$        |                 |                     |       |          | 111        | $\sqcup$           | -        | +-      | +-             | ╂                                      |                     |          | -        |
| <b>  </b>  | 2            | +        | 4            |          |                 |          |          |          |                     |           | 1           |       | 62       |          | $\dashv$      | +       | +-      | $\vdash$        | $\vdash \vdash$ | +                   |       |          | 112        |                    | -        | +-      | +              | +                                      | $\vdash$            | -        |          |
| <sup>[</sup>                                     | 13)<br>14    | +        | Н            |          | $\dashv$        | _        |          | $\vdash$ | ┝┉┤                 |           | 1           |       | 63       |          | +             | +       | +       | $\vdash$        | $\vdash \vdash$ | $\dashv\dashv$      |       |          | 113        |                    |          | +-      | ┪—             | -                                      |                     |          |          |
|  |              | +        | $\mathbb{H}$ |          | ┈┤              |          |          | $\vdash$ | $\vdash \vdash$     | -         | -           |       | 64       | $\dashv$ | +             | +       | +       | $\vdash$        | $\vdash$        |                     |       |          | 114<br>115 | $\dashv$           |          | +-      | +              | +-                                     | ╟╌┤                 | $\dashv$ |          |
|  | 15           | +        | 4            |          | $\vdash \vdash$ | $\dashv$ | -        | $\vdash$ | $\vdash \vdash$     |           | 1           |       | 65       | $\dashv$ | +             | +       | +       | $\vdash$        | $\vdash$        | +                   |       |          |            | $\dashv$           | $\dashv$ | +-      | +              | +-                                     | $\vdash \vdash$     | $\dashv$ |          |
|  | 16<br>17     | +        | $\mathbb{H}$ |          | $\vdash \vdash$ | $\dashv$ | $\dashv$ | $\vdash$ | $\vdash \vdash$     |           | ŀ           | -     | 66<br>67 |          | $\dashv$      |         | +       | $\vdash$        |                 | +                   |       |          | 116<br>117 |                    |          | +       | ╁              | ┼                                      | ┝╌┤                 |          |          |
|  |              | +        | +            |          |                 | -        |          |          | H                   |           | -           |       |          |          | +             | +       | +       | $\vdash$        | $\vdash$        |                     |       |          | 118        | -                  |          | +-      | +              | ┼—                                     |                     |          | _        |
|  | 18<br>19     | 4        | Н            |          | $\vdash$        | $\dashv$ | $\dashv$ |          | $\vdash$            |           | ŀ           |       | 68<br>69 | $\dashv$ | -             | +       | +-      | -               |                 | +                   |       |          | 119        | $\overline{\cdot}$ | $\dashv$ | +-      |                | ┼                                      | $\vdash$            |          |          |
| <b>-</b>   | 20)          | 4        | +            |          | $\vdash$        | -        | $\dashv$ |          | $\vdash$            | -         | - }-        |       | 70       | -        | -+            | +       | +       | -               |                 | $\dashv$            |       |          | 120        |                    |          | ╁       | ╫              | $\vdash$                               | $\vdash$            |          | $\dashv$ |
| <b>├</b>   | 21           | _        | $\forall$    |          | $\vdash$        | -        | -        |          | $\vdash \vdash$     | -         | 1           |       | 71       |          | $\dashv$      | +       | +-      | -               |                 | $\dashv$            |       |          | 121        |                    |          | ┿       | ╁╌             | ├                                      | $\vdash$            | $\dashv$ | -        |
|  |              |          | Ť            | -        | $\vdash$        | }        |          |          |                     | -         | ŀ           | +     | 72       | -        | +             | -       | -       | -               | -               |                     |       | -        | 122        | -                  |          | ╢       | ╂              | ┢                                      | -                   |          | -        |
|  | 22<br>23     |          |              |          |                 | -        |          |          | -                   | -         | +           |       | 73       | +        | $\dashv$      | +       | ╁┈      | ⊢               | -               |                     |       | -        | 123        |                    |          | +       | ╁              | $\vdash$                               | $\dashv$            | $\dashv$ | $\dashv$ |
| <del>                                     </del> | 24           |          |              |          |                 | -+       |          |          | $\vdash$            | -         | ŀ           |       | 74       |          | +             |         |         | Н               |                 | +                   |       |          | 124        | -                  |          | ╁       | ╁              | ╁╾                                     |                     |          | ᅱ        |
|  | 25           | -        |              |          | $\dashv$        | ᆉ        | -        | Н        | -                   | $\dashv$  | ŀ           |       | 75       | +        | ~+            | ┰       | ╁       | H               |                 | +                   | ::::: | -        | 125        | $\dashv$           |          | ╁       | +              | $\vdash$                               | $\dashv$            | $\dashv$ | $\dashv$ |
|  | 26           | -        |              |          | ⊣               | ┪        | $\dashv$ | _        | $\dashv$            | $\dashv$  | ŀ           |       | 76       | -        | -             | +       | +       | H               |                 | +                   |       | _        | 126        | -                  | +        | +       | ╁              | ╁                                      | -                   | $\dashv$ | ᅱ        |
| <del> </del>                                     | 27           |          |              | -        | Н               | $\dashv$ |          |          | $\vdash$            | -         | ŀ           |       | 77       | +        | -+            | +       | +       | Н               | -               | +-1                 |       |          | 127        | _                  | $\dashv$ | ╁       | ╁              | 1                                      | $\forall$           | 7        | ┪        |
|  | 28           |          |              |          | H               | $\dashv$ | _        |          | H                   | $\dashv$  | ٦ŀ          |       | 78       | -+       | _             | +       | ╅       | Н               |                 | +                   |       |          | 128        |                    |          | ╁╴      | t              | 1                                      | H                   | -        | ┪        |
|  | 29           |          |              | -        | $\exists$       | -        | _        |          | 1                   | -         | -           |       | 79       | 十        | 十             |         | ┰       | -               |                 | +                   |       |          | 129        |                    | _        | +-      | †              | 1-                                     | $\vdash$            |          | ┰        |
|  | 30           |          | Ė            |          |                 | _        | $\neg$   |          | $\dashv$            | -         | :: -        |       | 80       | 寸        | _             | 十       | +       |                 |                 | _                   |       | $\neg$   | 130        | _                  | 7        | 1-      | ⇈              | 1                                      | $\Box$              |          | $\neg$   |
|  | 31           |          | П            | $\neg$   | $\neg$          | 寸        |          |          | $\Box$              |           | :: -        |       | 81       | 1        | T             | T       | 1       |                 | $\neg \uparrow$ |                     |       |          | 131        |                    |          | Ť       | 1              |  |                     |          | $\neg$   |
|  | 32           | _        |              |          |                 | $\neg$   | T        |          |                     | $\exists$ | -           |       | 82       |          |               |         | 1       |                 | $\neg$          | $\neg$              |       |          | 132        |                    |          |         |                | П                                      |                     |          | $\neg$   |
|  | 33           |          |              |          |                 | T        | T        |          | $\Box$              | 7         | ٦           |       | 83       | ┪        | ヿ             | 7       | 1       | П               |                 |                     |       |          | 133        |                    | П        |         |                | Π                                      |                     |          | $\neg$   |
|  | 34           |          |              |          |                 |          |          |          |                     |           | Ī           |       | 84       |          |               |         | $\perp$ |                 |                 | $oxed{oxed}$        |       | 1        | 134        |                    |          | Ι       |                |  |                     |          |          |
|  | 35           |          |              |          |                 | J        |          |          |                     |           | [           |       | 85       | $\Box$   |               |         |         |                 |                 |                     |       |          | 135        |                    | $\Box$   | Ţ       |                | $\Box$                                 |                     |          |          |
|  | 36           |          |              |          |                 |          |          |          |                     |           |             |       | 86       | Π        | $\Box$        |         |         |                 |                 |                     |       |          | 136        |                    |          | L       | <u></u>        | L                                      |                     |          |          |
|  | 37           |          |              |          |                 |          |          |          |                     |           | [           |       | 87       | $\perp$  |               |         |         | Ш               |                 | $oldsymbol{\perp}$  |       |          | 137        |                    |          | 1       | 1_             | _                                      |                     |          | $\Box$   |
|  | 38           |          |              |          |                 | $\Box$   |          |          |                     | _         |             |       | 88       | [        |               | $\perp$ |         | Ш               |                 | 41                  | [     | ]        | 138        |                    |          | 1       | L              | <u> </u>                               |                     |          |          |
|  | 39           |          |              |          |                 | _[       |          |          | $\Box$              | _         | 1           |       | 89       |          | _ _           | _       | - -     |                 |                 |                     |       |          | 139        |                    | _ _      | 1.      | . _            | 1_                                     | $\sqcup$            |          |          |
| <u>ئالىل</u>                                     | 40           |          |              |          |                 |          | _        |          | Щ                   | _         | 1           |       | 90       |          | $\perp$       | $\perp$ | 4       | Ш               |                 |                     |       |          | 140        |                    | _ _      | 1       | 1_             | $oxed{oxed}$                           | Ц                   |          |          |
|  | 41           |          |              |          | $\Box$          | _[       | _[       | Ш        | Ш                   | _         | 1           |       | 91       | _        | 4             |         | 4-      | Ш               |                 | 44                  |       |          | 141        |                    |          | 1       | <del> </del> _ | ـــــ                                  | Ш                   | _        | _        |
|  | 42           | _        | _            | _        |                 | _        |          |          | Ш                   | _         | ŀ           |       | 92       | _        | _             | $\perp$ | ╀-      | Ш               |                 | 44                  |       |          | 142        |                    |          | 4-      | ╀-             | ــــــــــــــــــــــــــــــــــــــ | Ц                   | _        |          |
|  | 43           | _        | _            | _        |                 | _        | _        |          | $\sqcup$            | _         | Ļ           |       | 93       | 4        | 4             | 4-      | 4-      | Ш               | _               | +                   |       |          | 143        | _                  |          | +       | ╀              | <u> </u>                               | _                   | _        | _        |
| - 4  | 44           |          | _            |          | _               | _        | _        | Ш        | $\dashv$            | 4         | 1           |       | 94       | _ .      | -             | $\perp$ | +       | Н               |                 | 4-1                 |       |          | 144        | _                  | _        | +       | ╄-             | ├-                                     | $\sqcup \downarrow$ | _        | ᆜ        |
|  | 45           | _        |              |          | $\dashv$        | _        | _        |          |                     | 4         | 1           |       | 95       |          | $\dashv$      | -       | +       | $\sqcup$        | $\dashv$        | 44                  |       |          | 145        | _                  | _        | $\bot$  | _              | <b>├</b>                               |                     | _        |          |
| <u> </u>   | 46           | _        | _            | _        | _               | _        | _        |          | $\sqcup$            | 4::       | ŀ           |       | 96       |          | +             | +       | +       | $\vdash \vdash$ |                 | 4-1                 |       |          | 146        | _                  | _        | $\bot$  | 1              | 1                                      | $\sqcup$            | _        | 4        |
|  | 47           | -        | _            | _        |                 |          | -        |          | $\dashv$            | -10       | 1           |       | 97       | $\dashv$ | -             |         | +-      | Н               |                 | +                   |       |          | 147        | $\dashv$           | -        | -       | -              | <del> </del>                           | $\sqcup$            |          |          |
|  | 48<br>49     | $\dashv$ | $\dashv$     | $\dashv$ |                 | -        |          | $\dashv$ | -+                  |           | 4           |       | 98<br>99 |          | $\dashv$      | +       | ╬       | $\vdash$        | +               | $+\!\!\!-\!\!\!\!+$ |       | $\dashv$ | 148        | -                  |          | +-      | ╀              | -                                      | $\dashv$            | _        | $\dashv$ |
| <del>                                     </del> | 50           |          |              |          | -               | -+       | ┩        | $\dashv$ |                     | -         | <u>-</u>  - |       |          | -+       | $\dashv$      | - -     | +       | $\vdash$        | -+              | $\dashv$            |       | $\dashv$ | 149        | $\dashv$           | -        | +       | -              |  |                     | _        | $\dashv$ |
| ناسب   | JU           |          |              |          |                 |          |          |          | $\perp \perp$       | ::        | ٠L          | 1     | 100      | [        |               | - 1     |         | LI              | l               | 1 1                 | ••••• | 1        | 150        |                    | ı        | 1       | 1              |  |                     |          | - 1      |